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# National Survey of College Graduates

We solicit this information under the authority of the National Science Foundation Act of 1950, as amended. Your report to the Census Bureau is confidential by law (Title 13, U.S. Code and the Federal Privacy Act of 1974). We will use it to produce statistical summaries from which no one may identify any particular person. Your response is entirely voluntary, and failure to provide some or all of the requested information will not in any way adversely affect you.

Conducted by:

U.S. Department of Commerce  
Economics and Statistics Administration

BUREAU OF THE CENSUS

for the  
National Science Foundation  
Washington, DC

Note: The format of this survey instrument has been altered slightly to reduce download time.

## INSTRUCTIONS

**Thank you for taking the time to complete this important questionnaire. The directions for filling it out are provided with each question. Because not all questions will apply to everyone, you may be asked to skip certain questions.**

- In order to get comparable data, we will be asking you to refer to the week of April 15, 1993 when answering most questions
- If no "skip" instruction is provided, you should continue to the next question
- Either a pen or pencil may be used
- When answering questions that require marking a box, please use an [X]
- If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out

**Thanks again for your help, we really appreciate it.**

**PART A - Employment Status During the Reference Week of April 15, 1993**

**A1. Were you working for pay (or profit) during the week of April 15, 1993? This includes being self-employed or temporarily absent from a job (e.g., illness, vacation or parental leave), even if unpaid.**

- If you were a student: count jobs required as part of a financial aid award (e.g., work study/ assistantships), but do not count financial aid awards with no work requirement

1  Yes ⇒ **SKIP TO A7**

2  No

**A2. (IF NO) Did you look for work at any time during the four weeks preceding April 15?**

1  Yes

2  No

**A3. What were your reasons for not working during the week of April 15?**

**MARK ALL THAT APPLY**

- 01  Retired
- 02  On layoff from a job
- 03  Student
- 04  Family responsibilities
- 05  Chronic illness or permanent disability
- 06  Suitable job not available
- 07  Did not need or want to work
- 08  Other (*Specify:*  
\_\_\_\_\_)

**A4. In what month and year did you last work for pay (or profit)?**

**MARK THIS BOX (X) if you have NEVER worked for pay (or profit) and then SKIP TO PART D (PAGE 8)**

LAST WORKED: \_\_\_\_\_ 19 \_\_\_\_\_  
Month Year

**A5. What kind of work were you doing on your last job-- that is, what was your occupation? Please be as specific as possible, including any area of specialization.**

- Example: High school teacher - Math

\_\_\_\_\_  
\_\_\_\_\_

**A6. Using the JOB CODES (List A: pp. 13-14), choose the code that BEST describes the work you were doing on your last job.**

CODE: \_\_\_\_\_ ⇒ **SKIP TO PART B (PAGE 6)**

**A7. (IF WORKING WEEK OF APRIL 15TH) Counting all jobs held during the week of April 15, were you employed full-time or part-time?**

1  Full-time (usually worked a total of 35 or more hours per week) ⇒ **SKIP TO A9 (PAGE 2)**

2  Part-time (usually worked less than 35 hours per week)

**A8. (IF PART-TIME) What were your reasons for working part-time rather than full-time during the week of April 15?**

**MARK ALL THAT APPLY**

- 01  Retired or semi-retired ⇒ 19 \_\_\_\_\_ YEAR
- 02  Student
- 03  Family responsibilities
- 04  Chronic illness or permanent disability
- 05  Suitable full-time job not available
- 06  Did not need or want to work full-time
- 07  Other (*Specify:*  
\_\_\_\_\_)

→ **SKIP TO A10 (PAGE 2)**

**A9. (IF FULL-TIME) Although you were working during the week of April 15, had you previously retired from any position?**

- Examples of retirement includes mandatory retirement, early retirement, or voluntary retirement

- 1  Yes ⇒ 19   YEAR  
 2  No

**Please answer the next series of questions for your principal job held during the week of April 15, 1993. A second job, if held, will be covered later.**

**A10. Who was your principal employer during the week of April 15?**

- If you had more than one job that week: Your principal employer is the one for whom you worked the most hours that week

Employer Name: \_\_\_\_\_

City/Town: \_\_\_\_\_

State/Foreign Country: \_\_\_\_\_

**A11. Was your employer an educational institution?**

- 1  Yes  
 2  No ⇒ **SKIP TO A13**

**A12. (IF EDUCATIONAL INSTITUTION) Was the educational institution...**

**MARK ONE**

- 1  An elementary, middle, or secondary school or system  
 2  A 2-year college, junior college, technical institute  
 3  A 4-year college or university, other than a medical school  
 4  A medical school (including university-affiliated hospital or medical center)  
 5  A university-affiliated research institute  
 6  Other (*Specify:* \_\_\_\_\_)

→ **SKIP TO A14**

**A13. (IF NOT EDUCATIONAL INSTITUTION) Was your employer...**

**MARK ONE**

- 01  A Private for Profit company, business or individual, working for wages, salary or commissions  
 02  A Private Not-for-Profit, tax-exempt, or charitable organization  
 03  Self-Employed in own NOT INCORPORATED business, professional practice, or farm  
 04  Self-Employed in own INCORPORATED business, professional practice, or farm  
 05  Local government (city, county, etc.)  
 06  State government  
 07  U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)  
 08  U.S. government (civilian employee)  
 09  Other (*Specify:* \_\_\_\_\_)

**A14. What kind of work were you doing on your principal job held during the week of April 15--that is, what was your occupation? Please be as specific as possible, including any area of specialization.**

- Example: High school teacher - Math

\_\_\_\_\_  
 \_\_\_\_\_

**A15. Using the JOB CODES (List A: pp. 13-14), choose the code that BEST describes the work you were doing on your principal job during the week of April 15.**

CODE (NOTE: Job codes go from 010 to 500)

**A16. Did you record job code "141" in A15?**

- 1  Yes  
 2  No ⇒ **SKIP TO A18 (PAGE 3)**

**A17. (IF YES) Did your duties on this job require technical expertise equivalent to at least a bachelor's degree in...**

	YES	NO
Engineering, computer science, math, or the natural sciences, .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
The social sciences .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>

**A18. In some occupational areas, licensing or certification is recommended or required. As of the week of April 15, were you licensed or certified in your occupation?**

- Do not include academic degrees

**MARK ONE**

- 0  Licensure, certification not recommended or required
- 1  Yes
- 2  No

**A19. Thinking about the relationship between your work and your education, to what extent was your work on your principal job held during the week of April 15 related to your HIGHEST degree field? Was it...**

**MARK ONE**

- 1  Closely related } → **SKIP TO A22**
- 2  Somewhat related }
- 3  Not related

**A20. (IF NOT RELATED) Did these factors influence your decision to work in an area outside of your HIGHEST degree field?**

**MARK YES OR NO FOR EACH**

- |   | <u>YES</u>                 | <u>NO</u>                  |
|---|----------------------------|----------------------------|
| a. Pay, promotion opportunities . . . . .                               | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. Working conditions (hours, equipment, working environment) . . . . . | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Job location . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Change in career or professional interests . . . . .                 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. Family-related reasons . . . . .                                     | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. Job in highest degree field not available . . . . .                  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. Other reason ( <i>Specify</i> :<br>_____ ) . . . . .                 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**A21. Which factor in A20 represents your MOST important reason for working in an area outside of your HIGHEST degree field?**

ENTER LETTER OF MOST IMPORTANT REASON FROM A20

**A22. The next question is about your work activities on your principal job. Did the following work activities occupy 10 percent or more of your time during a typical work week on this job?**

**MARK YES OR NO FOR EACH**

- |  | <u>YES</u>                 | <u>NO</u>                  |
|--|----------------------------|----------------------------|
| a. Accounting, finance, contracts . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. Applied research - study directed toward gaining scientific knowledge to meet a recognized need . . . . . | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Basic research - study directed toward gaining scientific knowledge primarily for its own sake . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Computer applications, programming, systems development . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. Development - using knowledge gained from research for the production of materials, devices . . . . .     | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. Design of equipment, processes, structures, models . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. Employee relations - including recruiting, personnel development, training . . . . .                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| h. Management and administration . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| i. Production, operations, maintenance (e.g., truck driver, machinist or mechanic) . . . . .                 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| j. Professional services (health care, financial services, legal services, etc.) . . . . .                   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| k. Sales, purchasing, marketing . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| l. Quality or productivity management . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| m. Teaching . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| n. Other ( <i>Specify</i> :<br>_____ ) . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**A23. On which TWO activities in A22, did you work the MOST hours during a typical week on this job? ENTER LETTER OF APPROPRIATE ACTIVITY FROM A22**

Activity MOST hours

Activity SECOND MOST hours  
(Enter Z if no second most)

**A24. Did you supervise the work of others as part of this job?**

- Answer yes if you assign duties to workers and recommend or initiate personnel actions such as hiring, firing or promoting

- 1  Yes  
 2  No ⇒ **SKIP TO A26**

**A25. (IF YES) How many people did you typically:**

Number  
Supervised

- a. supervise directly? ..... \_\_\_\_\_  
 b. supervise through subordinate supervisors? ..... \_\_\_\_\_

**A26. Before deductions, what was your salary on this job as of the week of April 15? [Do not include bonuses, overtime, or additional compensation for summertime teaching or research]**

- If NOT salaried: Please estimate your earned income, excluding business expenses

**MARK ONE**

- \$\_\_\_\_\_ per
- 1  Hour  
 2  Week  
 3  Month  
 4  Year  
 5  Academic Year  
 6  Other (*Specify:* \_\_\_\_\_)

**A27. Was this salary or earned income based on working full-time?**

- If self-employed, please answer yes if you usually worked 35 or more hours a week on this job

- 1  Yes  
 2  No

**A28. Was any of your work on this job supported by contracts or grants from the U.S. government during the week of April 15?**

- Federal employees please answer "No"

**MARK ONE**

- 1  Yes  
 2  No → **SKIP TO A30 (PAGE 5)**  
 3  Don't Know

**A29. (IF YES) Which Federal agencies or departments were supporting your work?**

**MARK ALL THAT APPLY**

- 01  Defense Department (DOD)  
 02  Education Department (include NCES, OERI, FIPSE, FIRST)  
 03  Energy Department (DOE)  
 04  Environmental Protection Agency (EPA)  
 05  National Aeronautics and Space Administration (NASA)  
 06  National Institutes of Health (NIH)  
 07  National Science Foundation (NSF)  
 08  Nuclear Regulatory Commission (NRC)  
 09  Other (*Specify:* \_\_\_\_\_)  
 10  DONT KNOW SOURCE AGENCY

The following 3 questions provide information for the U.S. Department of Energy

**A30. From the following list of selected areas, indicate the ONE area, if any, to which you devoted the MOST hours during a typical week on this job.**

**MARK ONE**

- 01  Energy/Fuel
  - 02  Environment
  - 03  Health/Safety
  - 04  National Defense
  - 05  NONE OF THE ABOVE
- **SKIP TO A33**

**A31. (IF ENERGY/FUEL) From the following list, indicate the ONE ENERGY SOURCE that involved the largest proportion of your energy-related work during the past year.**

**MARK ONE**

- 01  Coal
- 02  Petroleum and natural gas
- 03  Nuclear fission
- 04  Nuclear fusion
- 05  Hydroenergy
- 06  Other Renewables (such as solar, biomass, wind, geothermal)
- 07  Other energy source (*Specify:* \_\_\_\_\_)

**A32. From the following list, indicate the ONE ENERGY-RELATED ACTIVITY that involved the largest proportion of your energy-related work during the past year.**

**MARK ONE**

- 01  Exploration and extraction
- 02  Manufacture of energy-related equipment
- 03  Fuel processing (include refining and enriching)
- 04  Electric power generation and transmission
- 05  Transportation and distribution of fuel
- 06  Waste management or decommissioning
- 07  Conservation, utilization, management, or storage of energy/fuel
- 08  Environment, health, and safety
- 09  Other energy-related activity, (*Specify:* \_\_\_\_\_)

**A33. During the week of April 15, did you hold a second job (or business), including part-time, evening or weekend work?**

- 1  Yes
- 2  No ⇒ **SKIP TO PART B (PAGE 6)**

**A34. (IF YES) What kind of work were you doing at your second job during the week of April 15-- that is, what was your occupation? Please be as specific as possible, including any area of specialization.**

- Example: High school teacher - Math
- If you had more than two jobs, answer for the job at which you worked the second greatest number of hours that week

\_\_\_\_\_  
\_\_\_\_\_

**A35. Using the JOB CODES (List A: pp. 13-14), choose the code that BEST describes the work you were doing on your second job during the week of April 15.**

\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_| CODE

**A36. Before deductions, what was your salary on your second job during the week of April 15? [Do not include bonuses, overtime, or additional compensation for summertime teaching or research]**

- If NOT salaried: Please estimate your earned income, excluding business expenses

**MARK ONE**

- \$\_\_\_\_\_ per \_\_\_\_\_  
Salary or Earned Income
- 1  Hour
  - 2  Week
  - 3  Month
  - 4  Year
  - 5  Academic Year
  - 6  Other (*Specify:* \_\_\_\_\_)

**A37. To what extent was your work on this second job related to your HIGHEST degree field? Was it...**

**MARK ONE**

- 1  Closely related
- 2  Somewhat related
- 3  Not related

**PART B - Past Employment**

The next few questions will help us better understand how employment behavior changes over time. We will be asking you to think back 5 years ago to your employment activities during April 1988.

**B1. Thinking back 5 years, were you working for pay (or profit) during any part of April 1988?**

- If you were a student: count jobs required as part of a financial aid award (e.g., work study/ assistantships), but do not count financial aid awards with no work requirement

- 1  Yes  
2  No ⇒ **SKIP TO PART C (PAGE 7)**

**B2. (IF YES) Did you have the SAME principal employer during both April 1988 and the week of April 15, 1993?**

- If self-employed at both times: Answer "Yes"

- 1  Yes, same employer ⇒ **SKIP TO B6**  
2  No, different employer or had no employer during the week of April 15, 1993

**B3. (IF NO) Was your principal employer during April 1988 an educational institution?**

- 1  Yes  
2  No ⇒ **SKIP TO B5**

**B4. (IF EDUCATIONAL INSTITUTION) Was this educational institution...**

**MARK ONE**

- 1  An elementary, middle, or secondary school or system  
2  A 2-year college, junior college, technical institute  
3  A 4-year college or university, other than a medical school  
4  A medical school (including university-affiliated hospital or medical center)  
5  A university-affiliated research institute  
6  Other (*Specify*: \_\_\_\_\_)
- SKIP TO B6**

**B5. (IF NOT EDUCATIONAL INSTITUTION) Was your employment during April 1988 with...**

**MARK ONE**

- 01  A Private for Profit company, business or individual, working for wages, salary or commissions  
02  A Private Not-for-Profit, tax-exempt, or charitable organization  
03  Self-Employed in own NOT INCORPORATED business, professional practice, or farm  
04  Self-Employed in own INCORPORATED business, professional practice, or farm  
05  Local government (city, county, etc.)  
06  State government  
07  U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)  
08  U.S. government (civilian employee)  
09  Other (*Specify*: \_\_\_\_\_)

**B6. Was your principal occupation during April 1988 the SAME as the principal occupation you reported for the week of April 15, 1993?**

- 1  Yes, same occupation ⇒ **SKIP TO B9 (PAGE 7)**  
2  No, different occupation or was not employed during week of April 15, 1993

**B7. (IF NO) What kind of work were you doing on your principal job held during April 1988--that is, what was your occupation? Please be as specific as possible, including any area of specialization.**

- Example: High school teacher - Math
- \_\_\_\_\_  
\_\_\_\_\_



**B8. Using the JOB CODES (List A: pp. 13-14), choose the code that BEST describes the work you were doing on your principal job during April 1988.**

\_\_\_\_|\_\_\_\_|\_\_\_\_| CODE

**B9. Did you have the SAME employer and SAME occupation in April 1988 and during the week of April 15, 1993?**

- 1  Yes ⇒ **SKIP TO C1**
- 2  No, not employed during the week of April 15, 1993 ⇒ **SKIP TO C1**
- 3  No

**B10. (IF NOT SAME) Did these factors influence your decision to change employers or occupations between April 1988 and the week of April 15, 1993?**

**MARK YES OR NO FOR EACH**

	<u>YES</u>	<u>NO</u>
a. Pay, promotion opportunities . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
b. Working conditions (hours, equipment, working environment) . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
c. Job location . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
d. Change in career or professional interests . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
e. Family-related reasons . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
f. School-related reasons (e.g., returned to school, completed a degree) . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
g. Laid off or job terminated . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
h. Retired . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
i. Other ( <i>Specify:</i> _____)	1 <input type="checkbox"/>	2 <input type="checkbox"/>

**PART C - Other Work-Related Information**

**C1. How many years of professional work experience have you had:**

- If none or less than half a year: Enter 0

Number  
of Years

- a. Full-time . . . . . \_\_\_\_\_
- b. Part-time . . . . . \_\_\_\_\_

**C2. During the past year, did you attend any professional society or association meetings or conferences?**

- Include regional, national, or international meetings

- 1  Yes
- 2  No

**C3. To how many national or international professional societies or associations do you currently belong?**

Number: \_\_\_\_|\_\_\_\_| OR  NONE

**C4. During the past year, did you attend any WORK-RELATED workshops, seminars, or other work-related training activities?**

- Do not include college courses - these will be discussed in PART D
- Do not include professional meetings unless you attended a special training session conducted at the meeting/conference

- 1  Yes ⇒ **GO TO C5 (PAGE 8)**
- 2  No ⇒ **SKIP TO PART D (PAGE 8)**

**C5. (IF YES) During the past year, in which of the following areas did you attend work-related workshops, seminars, or other work-related training activities?**

**MARK YES OR NO FOR EACH**

- |  | <u>YES</u>                 | <u>NO</u>                  |
|--|----------------------------|----------------------------|
| a. Management or supervisor training . . . . .                                       | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. Technical training in my occupational field . . . . .                             | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. General professional training (e.g., public speaking, business writing) . . . . . | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Other work-related training ( <i>Specify:</i><br>_____ ) . . . . .                | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**C6. For which of the following reasons did you attend training activities during the past year?**

**MARK YES OR NO FOR EACH**

- |   | <u>YES</u>                 | <u>NO</u>                  |
|---|----------------------------|----------------------------|
| a. To facilitate a change in my occupational field . . . . .                        | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. To acquire <u>further</u> skills or knowledge in my occupational field . . . . . | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. For licensure/certification . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. To increase opportunities for promotion/advancement/higher salary . . .          | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. To learn skills or knowledge needed for a recently acquired position . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. Required or expected by employer . . . . .                                       | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. Other ( <i>Specify:</i><br>_____ ) . . . . .                                     | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**C7. What was your most important reason for attending training activities? ENTER LETTER OF APPROPRIATE REASON FROM C6**

\_\_\_\_ MOST IMPORTANT REASON FROM C6

**PART D - Background Information**

**D1. In what year did you receive your high school diploma or high school equivalency certificate?**

19 \_\_\_\_|\_\_\_\_|  
Year

**OR**

Did not finish high school

**D2. In what state or foreign country did you last attend high school?**

State: \_\_\_\_\_

**OR**

Foreign Country: \_\_\_\_\_ |\_\_\_\_|\_\_\_\_|  
*Office Use Only*

**D3. Do you have a 2-year associate's degree?**

1  Yes

2  No

**D4. Do you have a bachelor's or higher degree?**

1  Yes

2  No ⇒ **SKIP TO D13 (PAGE 10)**

**D5. (IF YES) How many college or university degrees do you have at the bachelor's level or higher?**

\_\_\_\_ NUMBER

**D6. Starting with your most recent college or university degree, please provide the following information for each degree at the bachelor's level or higher.**

- If more than 3 relevant degrees: Complete the grid for your two most recent degrees and your first bachelor's degree

MOST RECENT DEGREE	2ND MOST RECENT DEGREE	1ST B.A. DEGREE (If not previously reported)
<p><b>a. From which school did you receive this degree?</b></p> <p>_____</p> <p>(School Name)</p> <p>_____</p> <p>(City/Town)</p> <p>_____</p> <p>(State/Foreign Country)</p>	<p><b>a. From which school did you receive this degree?</b></p> <p>_____</p> <p>(School Name)</p> <p>_____</p> <p>(City/Town)</p> <p>_____</p> <p>(State/Foreign Country)</p>	<p><b>a. From which school did you receive this degree?</b></p> <p>_____</p> <p>(School Name)</p> <p>_____</p> <p>(City/Town)</p> <p>_____</p> <p>(State/Foreign Country)</p>
<p><b>b. In what month and year was this degree awarded?</b></p> <p>     _ _ _  19  _ _ _ </p> <p>MONTH        YEAR</p>	<p><b>b. In what month and year was this degree awarded?</b></p> <p>     _ _ _  19  _ _ _ </p> <p>MONTH        YEAR</p>	<p><b>b. In what month and year was this degree awarded?</b></p> <p>     _ _ _  19  _ _ _ </p> <p>MONTH        YEAR</p>
<p><b>c. What type of degree did you receive?</b></p> <p>MARK ONE</p> <p>1 <input type="checkbox"/> Bachelor's</p> <p>2 <input type="checkbox"/> Master's (includes MBA)</p> <p>3 <input type="checkbox"/> Doctorate</p> <p>4 <input type="checkbox"/> Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.)</p> <p>5 <input type="checkbox"/> Other (<i>Specify</i>):</p> <p>_____</p>	<p><b>c. What type of degree did you receive?</b></p> <p>MARK ONE</p> <p>1 <input type="checkbox"/> Bachelor's</p> <p>2 <input type="checkbox"/> Master's (includes MBA)</p> <p>3 <input type="checkbox"/> Doctorate</p> <p>4 <input type="checkbox"/> Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.)</p> <p>5 <input type="checkbox"/> Other (<i>Specify</i>):</p> <p>_____</p>	<p><b>c. What type of degree did you receive?</b></p> <p>MARK ONE</p> <p>1 <input type="checkbox"/> Bachelor's</p> <p>2 <input type="checkbox"/> Master's (includes MBA)</p> <p>3 <input type="checkbox"/> Doctorate</p> <p>4 <input type="checkbox"/> Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.)</p> <p>5 <input type="checkbox"/> Other (<i>Specify</i>):</p> <p>_____</p>
<p><b>d. Using the EDUCATION CODES (List B: pp. 15-16), select the relevant degree field code(s) and title(s).</b></p> <p>Major Field: _____</p> <p>CODE:  _ _ _ _ </p> <p>Second Major or Minor: _____</p> <p>CODE:  _ _ _ _ </p>	<p><b>d. Using the EDUCATION CODES (List B: pp. 15-16), select the relevant degree field code(s) and title(s).</b></p> <p>Major Field: _____</p> <p>CODE:  _ _ _ _ </p> <p>Second Major or Minor: _____</p> <p>CODE:  _ _ _ _ </p>	<p><b>d. Using the EDUCATION CODES (List B: pp. 15-16), select the relevant degree field code(s) and title(s).</b></p> <p>Major Field: _____</p> <p>CODE:  _ _ _ _ </p> <p>Second Major or Minor: _____</p> <p>CODE:  _ _ _ _ </p>

**D7. Between completing your most recent degree and the week of April 15, 1993, did you take any college or university courses?**

- 1  Yes  
 2  No ⇒ **SKIP TO D13**

**D8. (IF YES) For which of the following reasons did you take college courses between completing your most recent degree and the week of April 15, 1993?**

**MARK YES OR NO FOR EACH**

	<u>YES</u>	<u>NO</u>
a. To acquire further education before beginning a career . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
b. To prepare for graduate school . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
c. To facilitate a change in my academic or occupational field . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
d. To acquire <u>further</u> skills or knowledge in my academic or occupational field . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
e. For licensure/certification . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
f. To increase opportunities for promotion/advancement/higher salary . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
g. Required or expected by employer . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
h. For leisure/personal interest . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>
i. Other (Specify: _____)	1 <input type="checkbox"/>	2 <input type="checkbox"/>

**D9. What was your primary field of study during that time?**

**MARK THIS BOX (X) IF NO PRIMARY FIELD OF STUDY AND THEN SKIP TO D11**

Primary Field of Study: \_\_\_\_\_

**D10. Using the EDUCATION CODES (List B: pp. 15-16), choose the code that BEST describes your primary field of study during that time.**

\_\_\_\_|\_\_\_\_|\_\_\_\_| CODE

**D11. Toward what degree, if any, are you (or were you) working during that time?**

**MARK ONE**

- 1  NO SPECIFIC DEGREE  
 2  Bachelor's  
 3  Master's (including MBA)  
 4  Doctorate  
 5  Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.)  
 6  Other degree (*Specify:* \_\_\_\_\_)

**D12. Were any of your school-related costs for taking college or university courses during this time paid for by an employer?**

- 1  Yes  
 2  No

**D13. During the week of April 15 were you:**

**MARK ONE**

- 1  Married  
 2  Widowed  
 3  Separated  
 4  Divorced  
 5  Never Married
- } → **SKIP TO D16 (PAGE 11)**

**D14. (IF MARRIED) During the week of April 15, was your spouse working for pay (or profit) at a full-time or part-time job?**

- 1  Yes, full-time  
 2  Yes, part-time  
 3  No ⇒ **SKIP TO D16 (PAGE 11)**

**D15. (IF YES) Did your spouse's duties on this job require technical expertise equivalent to at least a bachelor's degree in...**

YES   NO

- Engineering, computer science, math or the natural sciences, . . . . . 1  2
- The social sciences, . . . . . 1  2
- Some other field (Specify: \_\_\_\_\_) 1  2
- \_\_\_\_\_)

**D16. During the week of April 15, did you have any children living with you as part of your family?**

- Only count children who lived with you at least 50 percent of the time. Students who board at school should be counted if they spend at least half of their vacation time with you.

- 1  Yes  
 2  No ⇒ **SKIP TO D18**

**D17. (IF YES) How many of these children living with you as part of your family were...**

- If no children in a category: Enter 0

NUMBER

- Under the age of 6  
 Aged 6-11  
 Aged 12-17  
 18 or older

**D18. During the week of April 15, 1993 were you a:**

**MARK ONE**

**U.S. Citizen**

- 1  Native Born } → **SKIP TO D20**  
 2  Naturalized }

**Non-U.S. Citizen**

- 3  With a Permanent U.S. Resident Visa  
 4  With a Temporary U.S. Resident Visa  
 5  Living outside the United States

**D19. (IF NON-U.S. CITIZEN) Of which country are you a citizen?**

COUNTRY: \_\_\_\_\_

OFFICE USE:

**D20. During the week of April 15, 1993, were you living in the United States or one of its territories, or were you living in another country?**

- 1  United States  
 2  Another country

**D21. In what month and year were you born?**

**19**    
 Month Year

**D22. Did you live in a rural or farming community at any time prior to reaching the age of 18?**

- 1  Yes  
 2  No

**D23. What is the highest level of education completed by your parents?**

**MARK ONE FOR EACH PARENT**

	Father (Stepfather or <u>Male Guardian</u> )	Mother (Stepmother or <u>Female Guardian</u> )
Less than high school diploma . . . . .	01 <input type="checkbox"/>	01 <input type="checkbox"/>
High school diploma or equivalent . . . . .	02 <input type="checkbox"/>	02 <input type="checkbox"/>
Some college, vocational or trade school (including 2-year degrees) . . . . .	03 <input type="checkbox"/>	03 <input type="checkbox"/>
Graduated from a 4-year college (Bachelor's degree) . . . . .	04 <input type="checkbox"/>	04 <input type="checkbox"/>
At least some graduate or professional school . . . . .	05 <input type="checkbox"/>	05 <input type="checkbox"/>
Don't Know . . . . .	98 <input type="checkbox"/>	98 <input type="checkbox"/>

The next question is designed to help us better understand the career paths of individuals with different physical abilities.

D24. What is the usual degree of difficulty you have with...

**MARK ONE FOR EACH**

	<u>None</u>	<u>Slight</u>	<u>Moderate</u>	<u>Severe</u>	<u>Unable to Do</u>
a. <u>Seeing</u> words or letters in ordinary newsprint (with glasses/contact lenses if you usually wear them) . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
b. <u>Hearing</u> what is normally said in conversation with another person (with hearing aid, if you usually wear one) . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
c. <u>Walking</u> without assistance (human or mechanical) or using stairs . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
d. <u>Lifting</u> or carrying something as heavy as 10 pounds, such as a bag of groceries . . . . .	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

D25.  **MARK THIS BOX (X) IF YOU ANSWERED "NONE" TO ALL ACTIVITIES IN D24 AND THEN SKIP TO D26**

What is the earliest age at which you first began experiencing any difficulties in any of these areas?

AGE: |\_\_|\_|\_| OR  SINCE BIRTH

D26. In case we need to clarify some of the information you have provided, please list a phone number where you can be reached.

Area Code      Number  
|\_|\_|\_|-|\_|\_|\_|-|\_|\_|\_|\_| Daytime

Area Code      Number  
|\_|\_|\_|-|\_|\_|\_|-|\_|\_|\_|\_| Evenings

D27. Since we are interested in how education and employment change over time, we may be recontacting you in 1995. To help us find you, please provide the name, address, and telephone number of two people who are likely to know where you can be reached. **DO NOT INCLUDE SOMEONE WHO LIVES IN YOUR HOUSEHOLD**

- As with all the information provided in this questionnaire, complete confidentiality will be provided. These people will only be contacted if we cannot find you in 1995

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Number and Street

\_\_\_\_\_  
Number and Street

\_\_\_\_\_|\_\_\_\_\_|\_\_\_\_\_  
City/Town                      State      Zip Code

\_\_\_\_\_|\_\_\_\_\_|\_\_\_\_\_  
City/Town                      State      Zip Code

\_\_\_\_\_  
Country (If outside U.S.)

\_\_\_\_\_  
Country (If outside U.S.)

|\_|\_|\_|-|\_|\_|\_|-|\_|\_|\_|\_|  
Area Code              Number

|\_|\_|\_|-|\_|\_|\_|-|\_|\_|\_|\_|  
Area Code              Number

D28. Is the following address the best one for us to use for any future mailings?

- 1  Yes                      2  No ⇒ **Please make needed changes**

**The remaining pages of this questionnaire contain the JOB CODES (List A) and EDUCATION CODES (List B) needed for answering some of the preceding questions.**

# LIST A: JOB CODES

This list is ordered alphabetically. The titles in bold type are broad job categories. To make sure you have found the BEST code, please review all broad categories before making your choice. If you cannot find the code that BEST describes your job, use the "OTHER" code under the most appropriate broad category in bold print. If none of the codes fit your job, use Code 500.

## 010 **Artists, Broadcasters, Editors, Entertainers, Public Relations Specialists, Writers**

### **Biological/Life Scientists**

- 021 Agricultural and food scientists
- 022 Biochemists and biophysicists
- 023 Biological scientists (e.g., botanists, ecologists, zoologists)
- 024 Forestry, conservation scientists
- 025 Medical scientists (excluding practitioners)
- 026 Technologists & technicians in the biological/life sciences
- 027 OTHER biological/life scientists

### **Clerical/Administrative Support**

- 031 Accounting clerks, bookkeepers
- 032 Secretaries, receptionists, typists
- 033 OTHER administrative (e.g., record clerks, telephone operators)

## 040 **Clergy & Other Religious Workers**

### **Computer Occupations** (Also see 173)

- \*\*\* Computer engineers (See 088, 089 under Engineering)
- 051 Computer programmers (business, scientific, process control)
- 052 Computer system analysts
- 053 Computer scientists, except system analysts
- 054 Information systems scientists or analysts
- 055 OTHER computer, information science occupations

- \*\*\* **Consultants** (select the code that comes closest to your usual area of consulting)

## 070 **Counselors, Educational & Vocational** (Also see 236)

### **Engineers, Architects, Surveyors**

- 081 Architects
- \*\*\* Engineers (Also see 101-103)
- 082 Aeronautical, aerospace, astronautical
- 083 Agricultural
- 084 Bioengineering & biomedical
- 085 Chemical
- 086 Civil, including architectural & sanitary

- \*\*\* Engineers (continued)
- 087 Computer engineer - hardware
- 088 Computer engineer - software
- 089 Electrical, electronic
- 090 Environmental
- 091 Industrial
- 092 Marine engineer or naval architect
- 093 Materials or metallurgical
- 094 Mechanical
- 095 Mining or geological
- 096 Nuclear
- 097 Petroleum
- 098 Sales
- 099 Other engineers
- \*\*\* Engineering Technologists and Technicians
- 100 Electrical, electronic, industrial, mechanical
- 101 Drafting occupations, including computer drafting
- 102 Surveying and mapping
- 103 OTHER engineering technologists and technicians
- 104 Surveyors

## 110 **Farmers, Foresters & Fishermen**

### **Health Occupations**

- 111 Diagnosing/Treating Practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)
- 112 Registered nurses, pharmacists, dieticians, therapists, physician assistants
- 113 Health Technologists & Technicians (e.g., dental hygienists, health record technologist/technicians, licensed practical nurses, medical or laboratory technicians, radiologic technologists/technicians)
- 114 OTHER health occupations

## 120 **Lawyers, Judges**

## 130 **Librarians, Archivists, Curators**

### **Managers, Executives, Administrators** (Also see 151-153)

- 141 Top and mid-level managers, executives, administrators (people who manage other managers)
- \*\*\* All other managers, including the self-employed - *Use the code that comes closest to the field you manage*



# LIST A: JOB CODES (CONTINUED)

## Management-Related Occupations (Also see 141)

- 151 Accountants, auditors, and other financial specialists
- 152 Personnel, training, and labor relations specialists
- 153 OTHER management related occupations

## Mathematical Scientists

- 171 Actuaries
- 172 Mathematicians
- 173 Operations research analysts, modelling
- 174 Statisticians
- 175 Technologists and technicians in the mathematical sciences
- 176 OTHER mathematical scientists

## Physical Scientists

- 191 Astronomers
- 192 Atmospheric and space scientists
- 193 Chemists, except biochemists
- 194 Geologists, including earth scientists
- 195 Oceanographers
- 196 Physicists
- 197 Technologists and technicians in the physical sciences
- 198 OTHER physical scientists

## \*\*\* Research Associates/Assistants

*(Select the code that comes closest to your field)*

## Sales and Marketing

- 200 Insurance, securities, real estate, & business services
- 201 Sales Occupations - Commodities Except Retail (e.g., industrial machinery/equipment/supplies, medical and dental equip/supplies)
- 202 Sales Occupations - Retail (e.g., furnishings, clothing, motor vehicles, cosmetics)
- 203 OTHER marketing and sales occupations

## Service Occupations, Except Health (Also see 111-114)

- 221 Food Preparation and Service (e.g., cooks, waitresses, bartenders)
- 222 Protective services (e.g., fire fighters, police, guards)
- 223 OTHER service occupations, except health

## Social Scientists

- 231 Anthropologists
- 232 Economists
- 233 Historians, science and technology
- 234 Historians, except science and technology
- 235 Political scientists
- 236 Psychologists, including clinical (Also see 070)
- 237 Sociologists
- 238 OTHER social scientist

## 240 Social Workers

### Teachers/Professors

- 251 Pre-Kindergarten and kindergarten
- 252 Elementary
- 253 Secondary - computer, math, or sciences
- 254 Secondary - social sciences
- 255 Secondary - other subjects
- 256 Special education - primary and secondary
- 257 OTHER precollegiate area
- \*\*\* Postsecondary
  - 271 Agriculture
  - 272 Art, Drama, and Music
  - 273 Biological Sciences
  - 274 Business Commerce and Marketing
  - 275 Chemistry
  - 276 Computer Science
  - 277 Earth, Environmental, and Marine Science
  - 278 Economics
  - 279 Education
  - 280 Engineering
  - 281 English
  - 282 Foreign Language
  - 283 History
  - 284 Home Economics
  - 285 Law
  - 286 Mathematical Sciences
  - 287 Medical Science
  - 288 Physical Education
  - 289 Physics
  - 290 Political Science
  - 291 Psychology
  - 292 Social Work
  - 293 Sociology
  - 294 Theology
  - 295 Trade and Industrial
  - 296 OTHER health specialties
  - 297 OTHER natural sciences
  - 298 OTHER social sciences
  - 299 OTHER Postsecondary

### Other Professions

- 401 Construction trades, miners & well drillers
- 402 Mechanics and repairers
- 403 Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, printing occupations, tailors, shoemakers, photographic process)
- 404 Operators and related occupations (e.g., machine set-up, machine operators and tenders, fabricators, assemblers)
- 405 Transportation/material moving occupations

## 500 Other Occupations (Not Listed)

# LIST B: EDUCATION CODES

This list is ordered alphabetically. The titles in bold type are broad fields of study. To make sure you have found the BEST code, please review all broad categories before making your choice. If you cannot find the code that BEST describes your field of study, use the "OTHER" code under the most appropriate broad field in bold print. If none of the codes fit your field of study, use Code 995.

## **Agriculture Business and Production**

- 601 Agriculture, economics (also see 655 and 923)
- 602 OTHER, agricultural business and production

## **Agricultural Sciences**

- 605 Animal sciences
- 606 Food sciences and technology (also see 638)
- 607 Plant sciences (also see 633)
- 608 OTHER, agricultural sciences

## **610 Architecture/Environmental Design**

(for architectural engineering, see 723)

## **620 Area/Ethnic Studies**

## **Biological/Life Sciences**

- 631 Biochemistry and biophysics
- 632 Biology, general
- 633 Botany (also see 607)
- 634 Cell and molecular biology
- 635 Ecology
- 636 Genetics, animal and plant
- 637 Microbiology
- 638 Nutritional sciences (also see 606)
- 639 Pharmacology, human and animal (also see 788)
- 640 Physiology, human and animal
- 641 Zoology, general
- 642 OTHER, biological sciences

## **Business Management/Administrative Services**

- 651 Accounting
- 652 Actuarial science
- 653 Business administration and management
- 654 Business, general
- 655 Business/managerial economics (also see 601 and 923)
- 656 Business marketing/marketing mgmt.
- 657 Financial management
- 658 Marketing research
- 843 Operations research
- 659 OTHER, business management/admin. services

## **Communications**

- 661 Communications, general
- 662 Journalism
- 663 OTHER, communications

## **Computer and Information Sciences**

- 671 Computer/information sciences, general
- 672 Computer programming
- 673 Computer science (also see 727)
- 674 Computer systems analysis
- 675 Data processing technology
- 676 Information services and systems
- 677 OTHER, computer and information sciences

## **Conservation/Renewable Natural Resources**

- 680 Environmental science studies
- 681 Forestry sciences
- 682 OTHER, conservation/renewable natural resources

## **690 Criminal Justice/Protective Services**

(also see 922)

## **Education**

- 701 Administration
- 702 Computer teacher education
- 703 Counselor education/guidance services
- 704 Educational psychology
- 705 Elementary teacher education
- 706 Mathematics teacher education
- 707 Physical education/coaching
- 708 Pre-elementary teacher education
- 709 Science teacher education
- 710 Secondary teacher education
- 711 Special education
- 712 Social science teacher education
- 713 OTHER, education

## **Engineering**

- 721 Aerospace, aeronautical, astronautical
- 722 Agricultural
- 723 Architectural
- 724 Bioengineering and biomedical
- 725 Chemical
- 726 Civil
- 727 Computer/systems (also see 673)
- 728 Electrical, electronics, communications (also see 751)
- 729 Engineering sciences, mechanics, physics
- 730 Environmental
- 731 General
- 732 Geophysical
- 733 Industrial (also see 752)
- 734 Materials, including ceramics and textiles
- 735 Mechanical (also see 753)
- 736 Metallurgical
- 737 Mining and minerals
- 738 Naval architecture and marine
- 739 Nuclear
- 740 Petroleum
- 741 OTHER, engineering

# LIST B: EDUCATION CODES (CONTINUED)

## Engineering-Related Technologies

- 751 Electrical and electronic technologies
- 752 Industrial production technologies
- 753 Mechanical engineering-related technologies
- 754 OTHER, engineering-related technologies

## 760 English Language and Literature/Letters (for Linguistics, see 771)

## Foreign Languages and Literature

- 771 Linguistics
- 772 OTHER, foreign languages and literature

## Health Professions and Related Sciences

- 781 Audiology and speech pathology
- 782 Health services administration
- 783 Health/medical assistants
- 784 Health/medical technologies
- 785 Medical preparatory programs (e.g., pre-dentistry, pre-medical, pre-veterinary)
- 786 Medicine (e.g., dentistry, optometry, osteopathic, podiatry, veterinary)
- 787 Nursing (4 years or longer program)
- 788 Pharmacy (also see 639)
- 789 Physical therapy and other rehabilitation/therapeutic services
- 790 Public health (including environmental health and epidemiology)
- 791 OTHER, health/medical sciences

## 800 Home Economics

## 810 Law/Prelaw/Legal Studies

## 820 Liberal Arts/General Studies

## 830 Library Science

## Mathematics

- 841 Applied (also see 843, 652)
- 842 Mathematics, general
- 843 Operations research
- 844 Statistics
- 845 OTHER, mathematics

## 850 Parks, Recreation, Leisure, and Fitness Studies

## Philosophy, Religion, and Theology

- 861 Philosophy of science
- 862 OTHER, philosophy, religion, theology

## Physical Sciences

- 871 Astronomy and astrophysics
- 872 Atmospheric sciences and meteorology
- 631 Biochemistry
- 873 Chemistry
- 874 Earth sciences
- 680 Environmental science studies
- 875 Geology
- 876 Geological sciences, other
- 877 Oceanography
- 878 Physics
- 879 OTHER, physical sciences

## Psychology

- 891 Clinical
- 892 Counseling
- 704 Educational
- 893 Experimental
- 894 General
- 895 Industrial/Organizational
- 896 Social
- 897 OTHER, psychology

## Public Affairs

- 901 Public administration
- 902 Public policy studies
- 903 OTHER, public affairs

## 910 Social Work

## Social Sciences and History

- 921 Anthropology and archeology
- 922 Criminology (also see 690)
- 923 Economics (also see 601 and 655)
- 924 Geography
- 925 History of science
- 926 History, other
- 927 International relations
- 928 Political science and government
- 929 Sociology
- 930 OTHER, social sciences

## Visual and Performing Arts

- 941 Dramatic arts
- 942 Fine arts, all fields
- 943 Music, all fields
- 944 OTHER, visual and performing arts

## 995 Other Fields - Not Listed

*Please insert so that bar code shows through window*

**THANK YOU FOR COMPLETING  
THE QUESTIONNAIRE.**

**Please return the completed form in the envelope provided. If you lose the envelope and want another, call 1-800-331-4706. Our address is:**

**DIRECTOR  
BUREAU OF THE CENSUS  
1201 E 10<sup>th</sup> ST  
JEFFERSONVILLE IN 47132-0001**